

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Norio IMAOKA

Application No.: New U.S. Patent Application

Filed: March 24, 2004

Docket No.: 118868

For: SEMICONDUCTOR CHIP, SEMICONDUCTOR DEVICE, METHOD OF  
MANUFACTURING THE SAME, CIRCUIT BOARD, AND ELECTRONIC EQUIPMENT

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

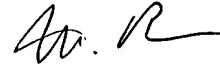
Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. The present application was filed or entered the U.S. National Stage of the PCT after June 30, 2003. In accordance with the June 11, 2003, Notice waiving the requirements of 37 C.F.R. §1.98(a)(2)(i), copies of any U.S. patents and patent application publications are not attached.
- ☒ 3. An English-language Abstract of non-English language reference No. 2 is attached hereto.

- ☒ 4. A computer-generated English translation of the following Japanese Patent Publication has been obtained from the website of the Japanese Patent Office (<http://www.jpo.go.jp>), and is attached, but has not been reviewed for accuracy. See Reference 2.
- ☒ 5. Reference No. 1 corresponds to reference No. 2.

Respectfully submitted,



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| Form PTO-1449<br>(REV. 8-83)  |   | US Dept. of Commerce<br>PATENT & TRADEMARK OFFICE |           | ATTY DOCKET NO.<br>118868     |                 | APPLICATION NO.<br>New U.S. Patent Application |  |
| INFORMATION DISCLOSURE STATEMENT<br><br>(Use several sheets if necessary)   |   |   |           | APPLICANT<br>Norio IMAOKA     |                 |  |  |
|   |   |   |           | FILING DATE<br>March 24, 2004 |                 |  |  |
| U.S. PATENT DOCUMENTS   |   |   |           |                               |                 |  |  |
| EXAMINER<br>INITIAL   |   | DOCUMENT NUMBER                                   | DATE      | NAME                          | CLASS           | SUB<br>CLASS                                   |  |
|   | 1 | US 6,426,560 B1                                   | 7/30/2002 | KAWAMURA et al.               |                 |  |  |
|   |   |   |           |                               |                 |  |  |
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| FOREIGN PATENT DOCUMENTS  |   |   |           |                               |                 |  |  |
|   |   | DOCUMENT NUMBER                                   | DATE      | COUNTRY                       | CLASS           | SUB<br>CLASS                                   |  |
|   | 2 | JP A 2001-053243 w/ Abst & Trans                  | 2/23/2001 | Japan                         |                 |  |  |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)  |   |   |           |                               |                 |  |  |
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| EXAMINER  |   |   |           |                               | DATE CONSIDERED |  |  |
| Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |   |   |           |                               |                 |  |  |

Date: March 24, 2004